

DT08 Rec'd PCT/PTO 18 MAR 2005

PTO-1390 (Rev. 02-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 4379-0176PUS1 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/528362</b> NEW
INTERNATIONAL APPLICATION NO. PCT/JP2003/012081	INTERNATIONAL FILING DATE 22 September 2003	PRIORITY DATE CLAIMED 24 September 2002
TITLE OF INVENTION     METHOD OF NITRIDING METAL RING APPARATUS THEREFOR		
APPLICANT(S) FOR DO/EO/US     Teiji SUZUKI; Masaomi SARUYAMA; Masashi TAKAGAKI; and Naoki NARITA		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: PCT/ISA/210; PCT/IB/304 & Four (4) Sheets of Formal Drawings

Repln. Ref: 07/18/2005 PBOOKER 0016015400  
 DA# 022448 Name/Number: 10528362  
 FC: 9204 \$100.00 CR

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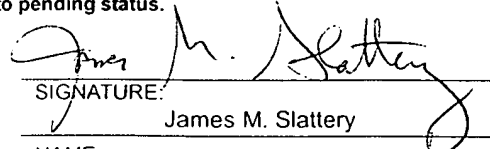
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U. S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>NEW</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP2003/012081</b>		ATTORNEY'S DOCKET NUMBER <b>4379-0176PUS1</b>																		
The following fees have been submitted 21. <input checked="" type="checkbox"/> Basic national fee .....\$300 22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....\$100 All other situations .....\$200 23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100 International Search Report prepared and provided to the Office.....\$400 All other situations.....\$500 <b>TOTAL OF 21, 22 and 23 =</b>				<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>																	
				\$ 300.00																		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">Total Sheets</th> <th style="width:15%;">Extra sheets</th> <th style="width:30%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width:40%;">RATE</th> </tr> <tr> <td>46 - 100 =</td> <td>/50 =</td> <td></td> <td>x \$250.00</td> </tr> </table> Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	46 - 100 =	/50 =		x \$250.00	\$ 200.00										
				Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE															
46 - 100 =	/50 =		x \$250.00																			
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">CLAIMS</th> <th style="width:15%;">NUMBER FILED</th> <th style="width:15%;">NUMBER EXTRA</th> <th style="width:40%;">RATE</th> </tr> <tr> <td>Total claims</td> <td>11 - 20 =</td> <td>x</td> <td>\$ 0.00</td> </tr> <tr> <td>Independent claims</td> <td>2 - 3 =</td> <td>x</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(s) (if applicable)</td> <td>+</td> <td>\$</td> </tr> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	11 - 20 =	x	\$ 0.00	Independent claims	2 - 3 =	x	\$ 0.00	MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	\$	\$ 500.00	
				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE															
Total claims	11 - 20 =	x	\$ 0.00																			
Independent claims	2 - 3 =	x	\$ 0.00																			
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	\$																		
<b>TOTAL OF 21, 22 and 23 =</b> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$ 1,000.00																		
				<b>SUBTOTAL =</b>		\$ 1,000.00																
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$																		
<b>TOTAL NATIONAL FEE =</b>				\$ 1,000.00																		
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00																		
<b>TOTAL FEES ENCLOSED =</b>				\$ 1,040.00																		
				Amount to be refunded:	\$																	
				Amount to be charged:	\$																	
a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,040.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this sheet should not be included on this form. Provide credit card information and authorization on PTO-1000.																						
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.																						
SEND ALL CORRESPONDENCE TO:																						
CUSTOMER NUMBER: 02292 March 18, 2005 /smt				 SIGNATURE: James M. Slattery NAME																		
				28,380 REGISTRATION NUMBER																		